

Frequency Mixer

ADE-192H+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=50MHz (dB)			RF (IN) (MHz)	LO (MHz)	IP-3 INPUT (dBm)			RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+17dBm (dB)		
		@LO (dBm)					@LO (dBm)					@LO (dBm)		
		+14	+17	+20			+14	+17	+20			+14	+17	+20
10.1	60.1	9.49	8.49	8.11	10.1	60.1	19.00	21.81	25.10	10.1	60.1	2.46	1.29	0.50
70.1	120.1	9.42	8.38	7.87	70.1	120.1	18.93	21.82	25.98	70.1	120.1	2.71	1.26	0.57
130.1	180.1	9.23	8.24	7.72	130.1	180.1	18.86	23.22	25.81	130.1	180.1	2.79	1.35	0.64
190.1	240.1	9.43	8.36	7.78	190.1	240.1	18.69	24.80	23.36	190.1	240.1	2.59	1.25	0.63
250.1	300.1	9.34	8.23	7.74	250.1	300.1	20.51	22.67	24.08	250.1	300.1	2.44	1.31	0.64
310.1	360.1	9.31	8.20	7.73	310.1	360.1	21.63	23.00	27.22	310.1	360.1	2.20	1.27	0.65
370.1	420.1	9.10	8.05	7.64	370.1	420.1	20.49	21.80	26.60	370.1	420.1	2.61	1.45	0.74
430.1	480.1	9.06	8.07	7.66	430.1	480.1	19.81	22.79	29.50	430.1	480.1	2.75	1.47	0.73
490.1	540.1	9.16	8.19	7.60	490.1	540.1	19.75	25.41	31.65	490.1	540.1	2.71	1.41	0.85
550.1	600.1	8.95	8.00	7.58	550.1	600.1	19.31	24.15	30.56	550.1	600.1	3.08	1.57	0.78
610.1	660.1	8.91	8.07	7.64	610.1	660.1	19.70	23.55	30.51	610.1	660.1	2.77	1.40	0.77
670.1	720.1	8.92	8.10	7.69	670.1	720.1	20.83	26.52	37.40	670.1	720.1	2.54	1.28	0.71
730.1	780.1	8.67	7.89	7.51	730.1	780.1	20.76	25.96	34.64	730.1	780.1	2.78	1.43	0.81
790.1	840.1	8.73	7.93	7.54	790.1	840.1	21.06	25.49	34.67	790.1	840.1	2.78	1.44	0.79
850.1	900.1	8.70	7.94	7.56	850.1	900.1	21.75	28.56	28.13	850.1	900.1	3.03	1.44	0.74
910.1	960.1	8.63	7.89	7.50	910.1	960.1	21.96	28.01	27.89	910.1	960.1	3.24	1.50	0.79
970.1	1020.1	8.49	7.75	7.42	970.1	1020.1	22.22	27.25	27.22	970.1	1020.1	3.03	1.50	0.82
1030.1	1080.1	8.57	7.77	7.42	1030.1	1080.1	21.72	26.49	29.66	1030.1	1080.1	2.82	1.44	0.89
1090.1	1140.1	8.50	7.69	7.37	1090.1	1140.1	22.69	24.54	25.38	1090.1	1140.1	2.73	1.45	0.78
1150.1	1200.1	8.49	7.71	7.37	1150.1	1200.1	21.69	24.63	26.35	1150.1	1200.1	2.83	1.51	0.80
1210.1	1260.1	8.40	7.66	7.34	1210.1	1260.1	20.00	24.99	32.58	1210.1	1260.1	3.31	1.64	0.82
1270.1	1320.1	8.48	7.72	7.37	1270.1	1320.1	20.56	28.38	27.18	1270.1	1320.1	3.33	1.62	0.74
1330.1	1380.1	8.51	7.77	7.42	1330.1	1380.1	22.53	27.20	28.33	1330.1	1380.1	3.14	1.52	0.70
1390.1	1440.1	8.36	7.65	7.33	1390.1	1440.1	23.89	25.94	28.15	1390.1	1440.1	3.10	1.53	0.76
1450.1	1500.1	8.44	7.75	7.42	1450.1	1500.1	26.35	26.03	26.37	1450.1	1500.1	2.79	1.38	0.69
1510.1	1560.1	8.55	7.88	7.54	1510.1	1560.1	25.82	27.20	27.40	1510.1	1560.1	2.77	1.33	0.62
1570.1	1620.1	8.42	7.76	7.46	1570.1	1620.1	24.08	28.66	29.91	1570.1	1620.1	3.13	1.45	0.67
1630.1	1680.1	8.53	7.91	7.61	1630.1	1680.1	23.60	27.69	28.50	1630.1	1680.1	3.23	1.47	0.65
1690.1	1740.1	8.72	8.07	7.77	1690.1	1740.1	22.56	25.41	27.38	1690.1	1740.1	3.00	1.35	0.57
1750.1	1800.1	8.76	8.09	7.77	1750.1	1800.1	22.42	26.04	30.53	1750.1	1800.1	2.73	1.29	0.66
1810.1	1860.1	9.06	8.37	8.07	1810.1	1860.1	23.26	25.54	29.35	1810.1	1860.1	2.46	1.23	0.64
1870.1	1920.1	9.29	8.56	8.19	1870.1	1920.1	24.79	25.31	27.89	1870.1	1920.1	2.33	1.13	0.69
1930.1	1980.1	9.59	8.82	8.44	1930.1	1980.1	24.42	26.65	26.70	1930.1	1980.1	2.37	1.17	0.72
1990.1	2040.1	10.01	9.22	8.82	1990.1	2040.1	24.68	28.73	28.08	1990.1	2040.1	2.23	1.14	0.71
2050.1	2100.1	10.23	9.31	8.85	2050.1	2100.1	24.21	29.02	34.76	2050.1	2100.1	1.89	1.08	0.71
2110.1	2160.1	10.82	9.84	9.34	2110.1	2160.1	23.63	27.15	30.12	2110.1	2160.1	1.55	0.97	0.64
2170.1	2220.1	11.05	9.98	9.44	2170.1	2220.1	22.88	28.92	30.96	2170.1	2220.1	1.35	0.91	0.61
2230.1	2280.1	11.28	10.02	9.42	2230.1	2280.1	22.54	36.28	30.15	2230.1	2280.1	1.40	1.07	0.75
2290.1	2340.1	11.66	10.49	9.90	2290.1	2340.1	24.81	30.37	31.46	2290.1	2340.1	1.32	1.01	0.71
2350.1	2400.1	11.82	10.59	9.96	2350.1	2400.1	21.81	25.28	24.57	2350.1	2400.1	1.08	0.87	0.65

Frequency Mixer

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Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1005.1MHz (dB)
		@LO (dBm)
		+17
990.0	15.1	7.89
940.0	65.1	7.96
890.0	115.1	7.97
840.0	165.1	8.02
790.0	215.1	7.95
740.0	265.1	7.91
690.0	315.1	7.83
640.0	365.1	7.82
590.0	415.1	7.78
540.0	465.1	7.76
490.0	515.1	7.68
440.0	565.1	7.75
390.0	615.1	7.68
340.0	665.1	7.68
290.0	715.1	7.60
240.0	765.1	7.60
190.0	815.1	7.69
140.0	865.1	7.74
90.0	915.1	7.69
40.0	965.1	7.80
15.0	1020.1	7.95
85.0	1090.1	7.59
155.0	1160.1	7.49
225.0	1230.1	7.36
295.0	1300.1	7.32
365.0	1370.1	7.31
435.0	1440.1	7.31
505.0	1510.1	7.31
575.0	1580.1	7.21
645.0	1650.1	7.12
715.0	1720.1	7.05
785.0	1790.1	6.92
855.0	1860.1	6.88
935.0	1940.1	6.86
1005.0	2010.1	6.90
1075.0	2080.1	7.18
1145.0	2150.1	7.29
1215.0	2220.1	7.39
1285.0	2290.1	7.87
1355.0	2360.1	8.22

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=100.1MHz (dB)
		@LO (dBm)
		+17
10.0	110.1	8.60
60.0	160.1	8.34
120.0	220.1	8.23
180.0	280.1	8.09
240.0	340.1	8.17
300.0	400.1	7.93
360.0	460.1	7.89
420.0	520.1	7.84
470.0	570.1	7.89
530.0	630.1	7.82
590.0	690.1	7.89
650.0	750.1	7.79
710.0	810.1	7.82
770.0	870.1	7.75
830.0	930.1	7.77
890.0	990.1	7.79
940.0	1040.1	7.73
1000.0	1100.1	7.67
1060.0	1160.1	7.70
1120.0	1220.1	7.79
1180.0	1280.1	7.76
1240.0	1340.1	7.82
1300.0	1400.1	7.82
1360.0	1460.1	7.76
1410.0	1510.1	7.80
1470.0	1570.1	7.79
1530.0	1630.1	7.78
1590.0	1690.1	7.97
1650.0	1750.1	8.14
1710.0	1810.1	8.30
1770.0	1870.1	8.67
1830.0	1930.1	8.97
1880.0	1980.1	9.26
1940.0	2040.1	9.73
2000.0	2100.1	10.10
2060.0	2160.1	10.52
2120.0	2220.1	10.73
2180.0	2280.1	10.91
2240.0	2340.1	10.93
2300.0	2400.1	11.05

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1910.1MHz (dB)
		@LO (dBm)
		+17
1900.0	10.1	8.84
1860.0	50.1	8.89
1810.0	100.1	8.83
1760.0	150.1	8.80
1710.0	200.1	8.70
1660.0	250.1	8.58
1610.0	300.1	8.47
1570.0	340.1	8.51
1520.0	390.1	8.38
1470.0	440.1	8.28
1420.0	490.1	8.23
1370.0	540.1	8.24
1320.0	590.1	8.28
1280.0	630.1	8.22
1230.0	680.1	8.16
1180.0	730.1	8.18
1130.0	780.1	8.11
1080.0	830.1	8.06
1030.0	880.1	8.01
980.0	930.1	8.00
940.0	970.1	8.05
890.0	1020.1	8.21
840.0	1070.1	8.17
790.0	1120.1	8.25
740.0	1170.1	8.32
690.0	1220.1	8.39
650.0	1260.1	8.24
600.0	1310.1	8.25
550.0	1360.1	8.20
500.0	1410.1	8.18
450.0	1460.1	8.16
400.0	1510.1	8.13
350.0	1560.1	8.15
310.0	1600.1	8.29
260.0	1650.1	8.29
210.0	1700.1	8.31
160.0	1750.1	8.37
110.0	1800.1	8.50
60.0	1850.1	8.67
10.0	1900.1	8.80

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Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+14	+17	+20	+14	+17	+20
60.1	30.96	33.49	36.07	25.06	27.92	30.88
120.1	32.50	35.11	37.76	25.36	28.13	30.99
180.1	32.52	35.17	37.83	25.43	28.36	31.32
240.1	32.97	35.58	38.20	25.42	28.38	31.11
300.1	33.56	36.35	39.07	25.93	29.01	31.67
360.1	33.37	36.25	38.91	26.07	29.14	31.66
420.1	33.70	36.42	39.15	26.50	29.39	31.81
480.1	34.61	37.51	40.25	26.81	29.66	32.07
540.1	34.89	37.73	40.37	27.42	30.23	32.37
600.1	35.20	38.30	41.03	27.65	30.62	32.59
660.1	35.88	38.89	41.57	27.88	30.66	32.50
720.1	36.58	39.63	42.28	28.64	31.33	32.83
780.1	37.41	40.58	43.30	28.87	31.52	32.88
840.1	38.29	41.43	43.92	29.59	32.14	33.15
900.1	39.06	42.41	44.90	30.23	32.68	33.44
960.1	40.49	43.96	46.38	30.93	33.15	33.60
1020.1	41.60	44.74	46.69	32.07	34.16	34.54
1080.1	43.04	45.71	46.98	33.97	35.68	35.80
1140.1	42.58	44.99	45.71	37.34	37.51	36.96
1200.1	41.16	44.13	45.73	36.88	36.44	35.92
1260.1	41.27	44.34	46.22	36.29	36.30	36.00
1320.1	42.11	45.50	47.53	37.31	37.43	36.92
1380.1	42.94	46.34	47.57	38.22	37.93	37.28
1440.1	43.44	46.12	46.11	38.93	38.60	37.79
1500.1	44.78	46.45	45.41	41.09	40.11	38.60
1560.1	46.39	47.62	46.06	42.84	41.62	39.67
1620.1	47.47	47.92	46.07	45.45	43.77	41.22
1680.1	49.77	49.16	46.75	49.27	47.31	44.19
1740.1	51.92	49.42	46.32	60.24	52.58	46.68
1800.1	52.84	48.52	45.14	52.28	53.08	47.40
1860.1	53.18	48.39	45.13	46.11	48.16	47.69
1920.1	51.32	46.85	43.77	42.35	43.19	43.54
1980.1	49.69	46.15	43.21	40.71	41.36	41.42
2040.1	47.81	45.49	42.96	39.03	39.74	39.82
2100.1	47.15	44.90	42.36	37.43	37.93	38.09
2160.1	46.14	44.87	42.97	36.29	36.89	37.41
2220.1	45.14	44.07	42.36	35.95	36.53	36.96
2280.1	45.46	44.73	43.07	36.22	36.97	37.54
2340.1	45.12	44.42	42.94	36.40	37.53	38.57
2400.1	45.26	43.97	42.27	37.01	38.25	39.78

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+14	+17	+20
10.1	60.1	28.23	32.37	36.98
70.1	120.1	31.19	34.92	38.04
130.1	180.1	33.60	37.37	39.90
190.1	240.1	33.54	36.70	38.20
250.1	300.1	34.27	35.96	36.18
310.1	360.1	34.37	35.00	34.87
370.1	420.1	34.34	34.06	33.56
430.1	480.1	33.69	33.02	32.43
490.1	540.1	33.19	32.34	31.76
550.1	600.1	33.05	31.99	31.01
610.1	660.1	32.50	31.63	31.04
670.1	720.1	31.67	30.78	30.08
730.1	780.1	31.18	30.38	30.00
790.1	840.1	31.13	30.37	29.96
850.1	900.1	31.17	30.41	29.85
910.1	960.1	31.44	29.97	29.02
970.1	1020.1	31.43	29.89	29.02
1030.1	1080.1	31.54	30.18	29.80
1090.1	1140.1	32.01	31.29	31.14
1150.1	1200.1	34.69	34.13	33.66
1210.1	1260.1	38.59	37.16	35.51
1270.1	1320.1	45.39	40.46	37.38
1330.1	1380.1	42.01	39.54	37.35
1390.1	1440.1	39.11	36.99	35.76
1450.1	1500.1	39.36	36.49	35.21
1510.1	1560.1	42.42	38.86	36.49
1570.1	1620.1	55.64	46.45	41.69
1630.1	1680.1	49.94	56.06	53.00
1690.1	1740.1	42.29	42.41	43.64
1750.1	1800.1	35.87	35.10	34.94
1810.1	1860.1	32.48	31.97	31.81
1870.1	1920.1	30.10	29.75	29.50
1930.1	1980.1	28.20	27.70	27.38
1990.1	2040.1	27.34	26.86	26.66
2050.1	2100.1	27.00	26.69	26.80
2110.1	2160.1	27.25	27.28	27.54
2170.1	2220.1	27.01	27.24	27.59
2230.1	2280.1	26.07	26.58	27.25
2290.1	2340.1	25.92	26.72	27.60
2350.1	2400.1	25.33	26.44	27.54

Frequency Mixer

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Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=1910MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+14	+17	+20		+14	+17	+20		+14	+17	+20
10.1	60.1	1.19	1.29	1.41	60.1	1.79	1.14	1.36	10.1	1.72	1.87	1.90
70.1	120.1	1.22	1.04	1.10	120.1	1.74	1.12	1.39	50.1	1.11	1.16	1.24
130.1	180.1	1.19	1.02	1.09	180.1	1.73	1.16	1.35	100.1	1.12	1.20	1.28
190.1	240.1	1.25	1.06	1.08	240.1	1.77	1.14	1.38	150.1	1.14	1.19	1.26
250.1	300.1	1.26	1.08	1.07	300.1	1.75	1.16	1.39	200.1	1.15	1.15	1.21
310.1	360.1	1.27	1.12	1.09	360.1	1.74	1.14	1.38	250.1	1.13	1.14	1.21
370.1	420.1	1.29	1.15	1.12	420.1	1.79	1.16	1.42	300.1	1.19	1.16	1.20
430.1	480.1	1.34	1.21	1.17	480.1	1.70	1.13	1.42	340.1	1.17	1.14	1.19
490.1	540.1	1.37	1.25	1.20	540.1	1.72	1.16	1.45	390.1	1.20	1.16	1.20
550.1	600.1	1.44	1.31	1.25	600.1	1.68	1.12	1.47	440.1	1.20	1.13	1.16
610.1	660.1	1.48	1.37	1.31	660.1	1.63	1.14	1.49	490.1	1.19	1.11	1.15
670.1	720.1	1.52	1.41	1.35	720.1	1.61	1.13	1.51	540.1	1.18	1.09	1.14
730.1	780.1	1.56	1.43	1.37	780.1	1.59	1.15	1.54	590.1	1.19	1.08	1.11
790.1	840.1	1.62	1.48	1.41	840.1	1.55	1.15	1.56	630.1	1.20	1.09	1.11
850.1	900.1	1.65	1.50	1.43	900.1	1.52	1.14	1.58	680.1	1.21	1.08	1.09
910.1	960.1	1.71	1.54	1.44	960.1	1.46	1.16	1.61	730.1	1.23	1.09	1.08
970.1	1020.1	1.75	1.56	1.45	1020.1	1.44	1.16	1.62	780.1	1.22	1.07	1.07
1030.1	1080.1	1.81	1.58	1.45	1080.1	1.40	1.17	1.65	830.1	1.24	1.09	1.09
1090.1	1140.1	1.81	1.55	1.39	1140.1	1.39	1.16	1.66	880.1	1.25	1.09	1.06
1150.1	1200.1	1.84	1.60	1.43	1200.1	1.36	1.17	1.65	930.1	1.26	1.11	1.08
1210.1	1260.1	1.88	1.65	1.49	1260.1	1.34	1.19	1.69	970.1	1.28	1.11	1.05
1270.1	1320.1	1.94	1.72	1.56	1320.1	1.31	1.20	1.71	1020.1	1.31	1.13	1.06
1330.1	1380.1	2.01	1.78	1.62	1380.1	1.29	1.21	1.72	1070.1	1.32	1.15	1.08
1390.1	1440.1	2.08	1.82	1.64	1440.1	1.29	1.22	1.75	1120.1	1.38	1.20	1.12
1450.1	1500.1	2.14	1.87	1.68	1500.1	1.29	1.24	1.76	1170.1	1.39	1.21	1.13
1510.1	1560.1	2.17	1.91	1.72	1560.1	1.29	1.27	1.78	1220.1	1.44	1.26	1.18
1570.1	1620.1	2.15	1.90	1.72	1620.1	1.32	1.29	1.81	1260.1	1.45	1.27	1.19
1630.1	1680.1	2.13	1.90	1.75	1680.1	1.36	1.30	1.80	1310.1	1.48	1.30	1.21
1690.1	1740.1	2.12	1.90	1.76	1740.1	1.40	1.34	1.82	1360.1	1.54	1.36	1.27
1750.1	1800.1	2.16	1.93	1.80	1800.1	1.48	1.38	1.86	1410.1	1.61	1.42	1.33
1810.1	1860.1	2.18	1.97	1.87	1860.1	1.54	1.42	1.85	1460.1	1.61	1.43	1.35
1870.1	1920.1	2.28	2.06	1.96	1920.1	1.58	1.47	1.90	1510.1	1.71	1.52	1.43
1930.1	1980.1	2.37	2.17	2.06	1980.1	1.66	1.50	1.89	1560.1	1.73	1.55	1.46
1990.1	2040.1	2.47	2.28	2.18	2040.1	1.67	1.54	1.91	1600.1	1.75	1.57	1.48
2050.1	2100.1	2.56	2.38	2.28	2100.1	1.74	1.56	1.95	1650.1	1.83	1.65	1.56
2110.1	2160.1	2.65	2.49	2.40	2160.1	1.80	1.59	1.90	1700.1	1.84	1.67	1.58
2170.1	2220.1	2.72	2.56	2.47	2220.1	1.78	1.59	1.92	1750.1	1.88	1.71	1.62
2230.1	2280.1	2.76	2.60	2.51	2280.1	1.91	1.62	1.91	1800.1	1.95	1.78	1.69
2290.1	2340.1	2.82	2.67	2.60	2340.1	1.87	1.62	1.88	1850.1	1.94	1.77	1.68
2350.1	2400.1	2.90	2.76	2.68	2400.1	1.94	1.62	1.88	1900.1	1.98	1.82	1.72

Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)											
	0	---	---	8.5	24.4	24.4	26.3	30.0	33.7	42.8	46.2	45.6	49.1
	1	---	22.9	---	38.5	20.1	38.4	20.5	34.9	32.8	44.7	36.2	52.9
	2	113.2	52.0	54.3	60.4	53.8	48.6	55.5	57.7	49.7	55.9	53.4	61.6
	3	110.7	61.9	51.3	63.6	60.4	63.2	53.5	65.5	49.8	62.9	56.1	72.7
	4	112.4	77.4	76.9	71.0	66.4	80.6	64.9	80.9	72.0	74.4	68.8	82.0
	5	111.8	76.9	81.5	76.9	73.1	74.3	80.3	75.8	69.1	87.8	76.1	87.5
	6	122.3	91.7	101.6	88.1	82.0	90.1	80.2	98.4	79.6	90.9	87.0	90.1
	7	111.6	102.8	95.2	85.9	97.7	92.1	87.8	92.7	85.2	90.6	89.2	93.4
	8	116.1	99.3	105.9	92.1	101.1	103.7	92.0	94.4	103.9	102.6	97.2	114.8
	9	111.5	92.6	87.9	100.3	93.3	103.2	127.0	104.7	102.0	100.2	93.8	102.1
	10	108.1	95.4	92.9	96.2	91.4	100.3	88.9	109.3	89.6	102.2	97.3	110.7
RF CAL	0	1	2	3	4	5	6	7	8	9	10		

LO HARMONICS ORDER

Test conditions: RF IN: 1005.1 MHz; 0 dBm.
 LO IN: 1055.1 MHz; +17 dBm
 IF OUT: 50 MHz; -8.23 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)											
	0	---	---	18.5	33.0	35.0	36.1	41.9	67.5	50.2	56.6	54.9	51.2
	1	---	22.7	---	37.7	19.9	42.4	25.2	40.5	40.4	58.6	56.2	60.9
	2	88.1	40.8	43.7	49.0	40.6	46.4	55.8	61.0	50.2	53.3	58.4	62.1
	3	100.9	53.1	37.3	58.6	35.4	64.4	46.1	53.9	36.7	51.1	46.8	62.2
	4	108.4	63.9	59.8	60.4	55.8	57.9	62.5	60.0	60.5	72.0	56.9	65.5
	5	108.7	62.7	68.5	65.6	65.7	65.0	56.7	67.0	62.4	69.9	55.4	71.4
	6	118.7	69.4	70.7	72.7	63.9	60.9	61.6	64.1	61.1	74.9	70.6	66.6
	7	119.7	86.2	89.1	74.1	72.5	74.3	74.3	68.4	78.0	68.8	61.3	77.5
	8	116.7	91.9	85.3	75.7	78.2	74.9	73.7	68.7	71.9	76.9	68.3	82.9
	9	118.4	90.9	93.2	91.4	87.7	83.5	79.3	79.5	69.6	76.5	69.5	75.0
	10	107.6	92.4	91.7	97.3	90.0	84.6	82.2	80.3	82.2	78.0	81.2	89.1
RF CAL		0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 1005.1 MHz; 10 dBm.
 LO IN: 1055.1 MHz; +17 dBm
 IF OUT: 50 MHz; 1.64 dBm

- Notes: 1. All Harmonics are in (dBc) relative to IF OUTPUT
 2. + entry denotes harmonics are in (dBc) above IF OUTPUT
 3. RF Cal represents the Harmonics level of the RF Input Signal to the mixer